BRUHAT BANGALORE MAHANAGARA PALIKE

Project Name: -Construction of Basavalingappa Samudhaya Bhavana in Byatarayanapura and construction of Ambedkar Bhavan in Amruthahalli in ward no. 7 Byatarayanapura Kodigehalli sub division.

MODIFIED SCHEDULE- B

Item No.	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts etc complete as per specifications and directions of engineer in charge of the work .	cum	68.42	847.65	Rupees Eight Hundred Forty Seven and Sixty Five Paise Only
2	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	cum	392.16	315.38	Rupees Three Hundred Fifteen and Thirty Eight Paise Only
3	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	894.26	226.57	Rupees Two Hundred Twenty Six and Fifty Seven Paise Only
4	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. etc complete as per specifications and directions of engineer in charge of the work	Cum	35.81	2534.26	Rupees Two Thousand Five Hundred Thirty Four and Twenty Six Paise Only
5	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) etc complete as per specifications and directions of engineer in charge of the work	Sqm	537.13	125.87	Rupees One Hundred Twenty Five and Eighty Seven Paise Only
6	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	111.16	5834.56	Rupees Five Thousand Eight Hundred Thirty Four and Fifty Six Paise Only

K. Sankar Reddy

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Item No	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
7	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-25 etc complete as per specifications and directions of engineer in charge of the work	cum	524.60	7270.72	Rupees Seven Thousand Two Hundred Seventy and Seventy Two Paise Only
8	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-25 etc complete as per specifications and directions of engineer in charge of the work First Floor	cum	168.22	7326.22	Rupees Seven Thousand Three Hundred Twenty Six and Twenty Two Paise Only
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	420.27	276.92	Rupees Two Hundred Seventy Six and Ninety Two Paise Only
10	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	170.00	438.76	Rupees Four Hundred Thirty Eight and Seventy Six Paise Only
11	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work First Floor	Sqm	210.80	444.31	Rupees Four Hundred Forty Four and Thirty One Paise Only
12	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	cum	122.90	5019.38	Rupees Five Thousand Nineteen and Thirty Eight Paise Only
13	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	cum	41.98	5999.99	Rupees Five Thousand Nine Hundred Ninety Nine and Ninety Nine Paise Only
14	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	cum	42.95	6522.67	Rupees Six Thousand Five Hundred Twenty Two and Sixty Seven Paise Only
	Above 125%	cum	172.35	6499.89	Rupees Six Thousand Four Hundred Ninety Nine and Eighty Nine Paise Only

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				Rate	Rate in words
15	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour etc complete as per specifications and directions of engineer in charge of the work	cum	267.97	152.25	Rupees One Hundred Fifty Two and Twenty Five Paise Only
16	Earthwork excavation in soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour etc complete as per specifications and directions of engineer in charge of the work	cum	311.19	304.50	Rupees Three Hundred Four and Fifty Paise Only
17	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	150.40	306.89	Rupees Three Hundred Six and Eighty Nine Paise Only
	Above 125%	Sqm	42.07	350.05	Rupees Three Hundred Fifty and Four Paise Only
18	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	207.62	306.89	Rupees Three Hundred Six and Eighty Nine Paise Only
19	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work First Floor	Sqm	229.49	312.44	Rupees Three Hundred Twelve and Forty Four Paise Only
20	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	20.63	569.43	Rupees Five Hundred Sixty Nine and Forty Three Paise Only
	Above 125%	Sqm	4.02	623.38	Rupees Six Hundred Twenty Three and Thirty Seven Paise Only
21	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work First Floor	Sqm	20.63	574.98	Rupees Five Hundred Seventy Four and Ninety Eight Paise Only
	Above 125%	Sqm	6.58	629.37	Rupees Six Hundred Twenty Nine and Thirty Seven Paise Only

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				Rate	Rate in words
22	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm	720.43	460.34	Rupees Four Hundred Sixty and Thirty Four Paise Only
23	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work First Floor	Sqm	632.49	465.89	Rupees Four Hundred Sixty Five and Eighty Nine Paise Only
24	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	83.54	1123.28	Rupees One Thousand One Hundred Twenty Three and Twenty Eight Paise Only
25	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work FIRST FLOOR	Sqm	271.51	1156.58	Rupees One Thousand One Hundred Fifty Six and Fifty Eight Paise Only
26	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	cum	0.07	123302.57	Rupees One lakh Twenty Three Thousand Three Hundred Two and Fifty Seven Paise Only
27	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) etc complete as per specifications and directions of engineer in charge of the work	Sqm	3.15	5566.03	Rupees Five Thousand Five Hundred Sixty Six and Three Paise Only
28	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size etc complete as per specifications and directions of engineer in charge of the work	Sqm	5.21	630.57	Rupees Six Hundred Thirty and Fifty Seven Paise Only

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				Rate	Rate in words
29	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges etc complete as per specifications and directions of engineer in charge of the work	Sqm	5.21	3827.77	Rupees Three Thousand Eight Hundred Twenty Seven and Seventy Seven Paise Only
30	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so	Sqm	576.60	1083.72	Rupees One Thousand Eighty Three and Seventy Two Paise Only
31	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Sqm	1200.15	99.06	Rupees Ninety Nine and Six Paise Only

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	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
32	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal	Sqm	1.80	4577.02	Rupees Four Thousand Five Hundred Seventy Seven and Two Paise Only
33	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement FIRST FLOOR	Sqm	55.35	4580.35	Rupees Four Thousand Five Hundred Eighty and Thirty Five Paise Only
34	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. etc complete as per specifications and directions of engineer in charge of the work	Sqm	0.00	4834.76	Rupees Four Thousand Eight Hundred Thirty Four and Seventy Six Paise Only

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	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
35	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work	Sqm	0.00	3430.97	Rupees Three Thousand Four Hundred Thirty and Ninety Seven Paise Only
36	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	712.81	261.34	Rupees Two Hundred Sixty One and Thirty Four Paise Only
	Above 125%	Sqm	41.85	281.72	Rupees Two Hundred Eighty One and Seventy One Paise Only
37	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work First Floor	Sqm	804.56	266.89	Rupees Two Hundred Sixty Six and Eighty Nine Paise Only
38	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	239.51	294.90	Rupees Two Hundred Ninety Four and Ninety Paise Only
39	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work First Floor	Sqm	525.49	300.45	Rupees Three Hundred and Forty Five Paise Only
	Above 125%	Sqm	69.29	320.08	Rupees Three Hundred Twenty and Seven Paise Only
40	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing (Outside Wall) etc complete as per specifications and directions of engineer in charge of the work	Sqm	96.38	310.49	Rupees Three Hundred Ten and Forty Nine Paise Only
41	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing (Outside Wall) etc complete as per specifications and directions of engineer in charge of the work FIRST FLOOR	Sqm	346.82	316.04	Rupees Three Hundred Sixteen and Four Paise Only

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42	Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing etc complete as per specifications and directions of engineer in charge of the work	Sqm	0.00	1343.85	Rupees One Thousand Three Hundred Forty Three and Eighty Five Paise Only
43	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc complete as per specifications and directions of engineer in charge of the work	m	0.00	189.41	Rupees One Hundred Eighty Nine and Forty One Paise Only
44	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm	0.00	1300.70	Rupees One Thousand Three Hundred and Seventy Paise Only
45	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 etc complete as per specifications and directions of engineer in charge of the work	Tonne	57.97	72655.67	Rupees Seventy Two Thousand Six Hundred Fifty Five and Sixty Seven Paise Only
46	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 etc complete as per specifications and directions of engineer in charge of the work First Floor	Tonne	32.34	72655.67	Rupees Seventy Two Thousand Six Hundred Fifty Five and Sixty Seven Paise Only
47	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	m	0.00	513.09	Rupees Five Hundred Thirteen and Nine Paise Only
E1	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton and as per the directions of the Engineer-in-charge of the work	sqm	13.14	387.21	Rupees Three Hundred Eighty Seven and Twenty One Paise Only

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	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
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E2	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Sqm	9.05	533.47	Rupees Five Hundred Thirty Three and Forty Six Paise Only
E3	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (Ground Floor)	Sqm	17.93	972.23	Rupees Nine Hundred Seventy Two and Twenty Two Paise Only
E4	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (First Floor)	Sqm	44.11	1014.18	Rupees One Thousand Fourteen and Eighteen Paise Only
E5	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Ground Floor)	Sqm	84.72	245.75	Rupees Two Hundred Forty Five and Seventy Five Paise Only
E6	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Ground Floor)	Sqm	67.76	252.95	Rupees Two Hundred Fifty Two and Ninety Four Paise Only
E7	KSRB 9.4-1 : Providing Teak wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33.	Cum	0.15	191906.30	Rupees One lakh Ninety One Thousand Nine Hundred Six and Thirty Paise Only
E8	KSRB 9.5-1 : Providing and fixing in position fully panelled Teak wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34 (First Floor)	Sqm	3.78	9724.67	Rupees Nine Thousand Seven Hundred Twenty Four and Sixty Six Paise Only
E9	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 1200mm	Sqm	533.03	3285.91	Rupees Three Thousand Two Hundred Eighty Five and Ninety One Paise Only

R. Sankar Reddy

Contractor

Executive Engineer
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	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
E10	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size etc complete as per specifications and directions of engineer in charge of the work (First Floor)	Sqm	4.73	563.44	Rupees Five Hundred Sixty Three and Forty Three Paise Only
E11	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges etc complete as per specifications and directions of engineer in charge of the work (First Floor)	Sqm	4.73	3331.47	Rupees Three Thousand Three Hundred Thirty One and Forty Six Paise Only
E12	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work (First Floor)	Cum	0.08	105024.47	Rupees One lakh Five Thousand Twenty Four and Forty Seven Paise Only
E13	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) etc complete as per specifications and directions of engineer in charge of the work	Sqm	3.78	5665.53	Rupees Five Thousand Six Hundred Sixty Five and Fifty Two Paise Only
E14	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification.	Sqm	2371.32	93.51	Rupees Ninety Three and Fifty Paise Only
E15	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.Pg No 119,Item No15.49.2	Sqm	1537.01	141.46	Rupees One Hundred Forty One and Forty Five Paise Only

K. Shankar Reddy

Contractor

Executive Engineer
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	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
E16	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.	Sqm	809.83	107.89	Rupees One Hundred Seven and Eighty Nine Paise Only
E17	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon Glazed primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.	Sqm	96.37	215.78	Rupees Two Hundred Fifteen and Seventy Eight Paise Only
E18	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon Glazed primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. (First Floor)	Sqm	369.01	222.98	Rupees Two Hundred Twenty Two and Ninety Seven Paise Only
E19	Providing and laying Hassan Green granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, curing etc.,complete.	Sqm	78.45	5341.85	Rupees Five Thousand Three Hundred Forty One and Eighty Five Paise Only
E20	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.(Ground Floor)	Sqm	6.75	7217.97	Rupees Seven Thousand Two Hundred Seventeen and Ninety Seven Paise Only
E21	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications.(First Floor)	Sqm	30.30	7225.17	Rupees Seven Thousand Two Hundred Twenty Five and Sixteen Paise Only
E22	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2 (Ground Floor)	Sqm	84.71	1956.44	Rupees One Thousand Nine Hundred Fifty Six and Forty Four Paise Only

K. Sankar Reddy

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	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
E23	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 Pg No 106,Item No14.41.2 (First Floor)	Sqm	67.75	1958.84	Rupees One Thousand Nine Hundred Fifty Eight and Eighty Three Paise Only
E24	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specificationPg no. 107 Item No.14.44 (Ground Floor)	Sqm	13.64	1240.76	Rupees One Thousand Two Hundred Forty and Seventy Five Paise Only
E25	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 600x 600x 10 mm thick fixed on existing flooring withspecial adhesive for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc complete as per specificationPg no. 107 Item No.14.44 (Ground Floor)	Sqm	15.88	1243.16	Rupees One Thousand Two Hundred Forty Three and Fifteen Paise Only
E26	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful	Sqm	12.39	12475.00	Rupees Twelve Thousand Four Hundred Seventy Five Only
E27	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:120.Item no:15.74	Sqm	111.15	113.89	Rupees One Hundred Thirteen and Eighty Eight Paise Only
E28	KSRB 12-6.1 : Providing 20mm square M.S footrest and fixing in manhole Nos 232.00 with M 10 cement concrete block of 20x20x10cms, using 20mm and down size metal of size including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 12.4.6Pg No. 75 item no. 11.44	Sqm	4.00	330.87	Rupees Three Hundred Thirty and Eighty Six Paise Only

K. Sankar Reddy

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Item	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
E29	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the direction of the Engineer-in-charge of the work. (Data Rate)	sqm	96.50	9144.00	Rupees Nine Thousand One Hundred Forty Four Only
E30	Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity)	Nos	1.00	8185.41	Rupees Eight Thousand One Hundred Eighty Five and Forty Paise Only
E31	Providing and fixing white vitreous china clay, flat back wash basin with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. size of 550 x 400mm	Nos	7.00	3621.57	Rupees Three Thousand Six Hundred Twenty One and Fifty Seven Paise Only
E32	Providing pedestal for wash basin of approved 1st quality and make conforming to ISI Specifications and fixing for low down cistern as directed .Rate includes cost of materials and conveyance to work spot.	Nos	7.00	1078.92	Rupees One Thousand Seventy Eight and Ninety Two Paise Only
E33	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Nos	6.00	5941.25	Rupees Five Thousand Nine Hundred Forty One and Twenty Five Paise Only
E34	Providing and fixing 600x450mm bevelLead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with C.P screws, washers, including cost of materials, labour complete as per specifications.	Nos	7.00	1387.01	Rupees One Thousand Three Hundred Eighty Seven and One Paise Only
E35	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. 15 mm dia nominal bore	Nos	13.00	227.77	Rupees Two Hundred Twenty Seven and Seventy Seven Paise Only

K. Sankar Reddy

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Item	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
e	Three outlet in a row, above 6Mtr upto 10Mtr from tapping point to out let via switches (P No 6 ; I No 2.2.5)	Pts	20.00	749.25	Rupees Seven Hundred Forty Nine and Twenty Five Paise Only
E48	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.				
a	1 sqmm (P.No. 6, I.No.2.3.1)	Mtr	2900.00	15.54	Rupees Fifteen and Fifty Four Paise Only
b	1.5 sqmm (P.No. 6, I.No.2.3.2)	Mtr	4550.00	22.76	Rupees Twenty Two and Seventy Five Paise Only
c	2.5 sqmm (P.No. 6, I.No.2.3.3)	Mtr	600.00	35.52	Rupees Thirty Five and Fifty Two Paise Only
d	4 sqmm (P.No. 6, I.No.2.3.4)	Mtr	400.00	49.95	Rupees Forty Nine and Ninety Five Paise Only
e	6 sqmm (P.No. 6, I.No.2.3.5)	Mtr	60.00	77.70	Rupees Seventy Seven and Seventy Paise Only
f	10 sqmm (P.No. 6, I.No.2.3.6)	Mtr	90.00	127.65	Rupees One Hundred Twenty Seven and Sixty Five Paise Only
E49	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall				
a	1-3Way(P.NO 9,3.4.1)	No	1.00	105.45	Rupees One Hundred Five and Forty Five Paise Only
b	4-5Way(P.NO 9,3.4.2)	No	1.00	116.55	Rupees One Hundred Sixteen and Fifty Five Paise Only
c	6Way(P.NO 9,3.4.3)	No	4.00	138.75	Rupees One Hundred Thirty Eight and Seventy Five Paise Only
d	8Way(P.NO 9,3.4.4)	No	2.00	160.95	Rupees One Hundred Sixty and Ninety Five Paise Only
e	10-12Way(P.NO 9,3.4.5)	No	2.00	183.15	Rupees One Hundred Eighty Three and Fifteen Paise Only
f	16-18Way(P.NO 9,3.4.6)	No	14.00	199.80	Rupees One Hundred Ninety Nine and Eighty Paise Only
E50	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.				
a	1 to 3 Module(P.NO 9,3.5.1)	No	1.00	122.10	Rupees One Hundred Twenty Two and Ten Paise Only

K. Sankar Reddy

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Item	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
b	4 Module(P.NO 9,3.5.2)	No	1.00	138.75	Rupees One Hundred Thirty Eight and Seventy Five Paise Only
c	6 Module(P.NO 9,3.5.3)	No	4.00	194.25	Rupees One Hundred Ninety Four and Twenty Five Paise Only
d	8 Module(P.NO 9,3.5.4)	No	2.00	222.00	Rupees Two Hundred Twenty Two Only
e	12 Module(P.NO 9,3.5.5)	No	2.00	255.30	Rupees Two Hundred Fifty Five and Thirty Paise Only
f	16-18 Module(P.NO 9,3.5.6)	No	14.00	299.70	Rupees Two Hundred Ninety Nine and Seventy Paise Only
E51	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.				
a	6Amps one way.(P.NO 10,3.6.1)	No	185.00	77.70	Rupees Seventy Seven and Seventy Paise Only
b	6Amps two way.(P.NO 10,3.6.2)	No	6.00	105.45	Rupees One Hundred Five and Forty Five Paise Only
c	6Amps 3way socket.(P.NO 10,3.6.3)	No	28.00	116.55	Rupees One Hundred Sixteen and Fifty Five Paise Only
d	Stepped Fan Regulator.(P.NO 10,3.6.4)	No	31.00	321.90	Rupees Three Hundred Twenty One and Ninety Paise Only
e	16Amps one way switch (P.NO 10,3.6.8)	No	2.00	127.65	Rupees One Hundred Twenty Seven and Sixty Five Paise Only
f	32Amps DP switch (P.NO 10,3.6.10)	No	2.00	202.02	Rupees Two Hundred Two and Two Paise Only
g	6/16Amps universal socket.(P.NO 10,3.6.11)	No	5.00	179.82	Rupees One Hundred Seventy Nine and Eighty Two Paise Only
E52	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.(P.NO 10,3.11)	No	950.00	7.77	Rupees Seven and Seventy Seven Paise Only
E53	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.				
a	6-32 Amps SP. (P.No.27, I.No.5.17.1)	No	25.00	481.74	Rupees Four Hundred Eighty One and Seventy Four Paise Only

K. Sanjay Reddy

Contractor

Executive Engineer
Byarayanapura Division
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Item	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
b	5-32 Amps DP.(P.No.27, I.No. 5.17.4)	No	2.00	1008.99	Rupees One Thousand Eight and Ninety Nine Paise Only
E54	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door 6 way TPN	nos	2.00	3696.30	Rupees Three Thousand Six Hundred Ninety Six and Thirty Paise Only
E55	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.100Amps 4x30x6mm Aluminium Strips	m	6.00	2275.50	Rupees Two Thousand Two Hundred Seventy Five and Fifty Paise Only
E56	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.				
a	50x50x6mm	Mtr	6.00	366.30	Rupees Three Hundred Sixty Six and Thirty Paise Only
b	40*40*6mm	Mtr	6.00	283.05	Rupees Two Hundred Eighty Three and Five Paise Only
c	50X100X50X6mm C channel	Mtr	6.00	699.30	Rupees Six Hundred Ninety Nine and Thirty Paise Only
E57	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.14SWG	Sqcms	125000.00	0.44	Forty Four Paise Only
E58	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.(P.No.40, I.No.6.2)	Nos	4.00	4606.50	Rupees Four Thousand Six Hundred Six and Fifty Paise Only
E59	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip				

K Sankar Reddy

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				Rate	Rate in words
a	GI Strip. 25x3mm	Mtr	10.00	83.25	Rupees Eighty Three and Twenty Five Paise Only
b	Copper strip. 25x3mm.	No	10.00	560.55	Rupees Five Hundred Sixty and Fifty Five Paise Only
E60	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc. 12 SWG. Copper Wire	Mtr	50.00	64.38	Rupees Sixty Four and Thirty Eight Paise Only
E61	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-39753.5 core 25 sqmm	Mtr	50.00	199.80	Rupees One Hundred Ninety Nine and Eighty Paise Only
E62	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.				
a	25 sqmm to 75 sqmm	Mtr	40.00	17.21	Rupees Seventeen and Twenty Paise Only
b	On wall structure.25 sqmm to 75 sqmm	Mtr	10.00	38.85	Rupees Thirty Eight and Eighty Five Paise Only
E63	Digging of trench of 0.6m deep * 0.50mtr wide refiling the trench to the required ground level & consolidating etc., complete. (As per Civil SR KSRB I-2, P.7)In soil (hard)	Mtrs	20.00	113.22	Rupees One Hundred Thirteen and Twenty Two Paise Only
E64	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable.	Mtrs	20.00	111.00	Rupees One Hundred Eleven Only
E65	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.65mm	Mtrs	30.00	628.26	Rupees Six Hundred Twenty Eight and Twenty Six Paise Only
E66	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)				
a	32mm dia	No	2.00	129.87	Rupees One Hundred Twenty Nine and Eighty Seven Paise Only
b	50 mm dia	No	2.00	283.05	Rupees Two Hundred Eighty Three and Five Paise Only
c	75mm dia	No	2.00	550.56	Rupees Five Hundred Fifty and Fifty Six Paise Only
E67	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.				
a	2.5sqmm	No	30.00	4.44	Rupees Four and Forty Four Paise Only
b	4sqmm	No	20.00	7.77	Rupees Seven and Seventy Seven Paise Only
c	6sqmm	No	8.00	7.77	Rupees Seven and Seventy Seven Paise Only

Sri Sankar Reddy
Contractor

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				Rate	Rate in words
d	10sqmm	No	12.00	8.88	Rupees Eight and Eighty Eight Paise Only
E68	Supplying of 1440rpm heavy duty exhaust fan with bracket blades suitable to operate on 230V 50Hz, AC Supply complete.15" Sweep	No	4.00	4440.00	Rupees Four Thousand Four Hundred Forty Only
E69	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS:1709/1984 with latest amendment, Rated voltage 220 V/ 50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value ≥ 4.2 CMM / Watt, Three Blades of blade leaf 1.05mm thick Aluminium Alloy sheet, Class B motor insulation,Bearing Two ball bearings, Top 6202, Bottom 6201 , as per IS specification, Motor wdg. Temp rise Shall not exceed 75 degC over and ambient of 40 0C by resistance method at 245Volts, Insulation resistance Shall not be less than Two Mega Ohms (2 M Ohms), Leakage current Should not exceed 210Micro Amp, Power input, watt& current , Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty48" Sweep 5 Star (1200mm)	No	30.00	3219.00	Rupees Three Thousand Two Hundred Nineteen Only
E70	Supplying of .....feet - PVC Batten with integrated LED tube.....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.LED light fighting 1 x 4' - 20/22w	No	25.00	416.25	Rupees Four Hundred Sixteen and Twenty Five Paise Only
E71	Supplying of recess mounting non integrated type LED down light ..... W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clamps, LED of Power/COB with CCT 6500 degree K, CRI> 70%. efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 15-18W	No	129.00	2220.00	Rupees Two Thousand Two Hundred Twenty Only

K. Sankar Reddy

Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

	Description of work	Unit	Approved modified Quantity	Rate quoted by the contractor approved rates sri K SHANKAR REDDY ( )	
				Rate	Rate in words
E72	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation.Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K; IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w, nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design &	No	8.00	13653.00	Rupees Thirteen Thousand Six Hundred Fifty Three Only
E73	Supplying and Fixing.....mm dia class A GI pipe bracket up to 2.7 meters long terminated with a reducing collar of 40x25mm to which extra pipe of 175mm length is fixed forfixing MV/SV/MH/FTL street light fitting of all capacities on rail/RCC/wall/tubular pole, using suitable clamps, bolts, nuts and wiring using suitable capacity wires.Using 25mm dia G.I.Pipe	No	8.00	1078.92	Rupees One Thousand Seventy Eight and Ninety Two Paise Only
E74	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires	No	8.00	194.25	Rupees One Hundred Ninety Four and Twenty Five Paise Only
E75	Fixing all types and all capacities of fluorescent / false ceiling/ spot light / CFL / LED fittings indoor on the wall / ceiling /rafters / girders using 23/0.0076" twin twisted PVC insulatedwires, required Nos of round blocks and clamps	No	154.00	122.10	Rupees One Hundred Twenty Two and Ten Paise Only
E76	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired	No	31.00	288.60	Rupees Two Hundred Eighty Eight and Sixty Paise Only
a	Extra length of GI pipe of class B 19mm dia for down rod..	No	31.00	177.60	Rupees One Hundred Seventy Seven and Sixty Paise Only
E77	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts and 5 amps. ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire..	No	4.00	444.00	Rupees Four Hundred Forty Four Only

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